



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

The Airolite Company, LLC
P.O. Box 410
Schofield, WI 54476

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model K6746MDE Aluminum Louver

APPROVAL DOCUMENT: Drawing No. K6746MDE, titled "K6746MDE NOA Drawings", sheets 1 through 9 of 9, dated 10/27/2015, prepared by Greenheck Fan Corporation, signed and sealed by Chander P. Nangia, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
01/28/2016

NOA No. 15-1109.05
Expiration Date: February 4, 2021
Approval Date: February 4, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. K6746MDE, titled "K6746MDE NOA Drawings", sheets 1 through 9 of 9, dated 10/27/2015, prepared by Greenheck Fan Corporation, signed and sealed by Chander P. Nangia, P.E.

B. TESTS

1. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94,
3) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model K6746MDE (sleeved) aluminum louvers, prepared by Architectural Testing, Inc., Test Report No. F0132.01-602-18, dated 10/26/2015, signed and sealed by Justin P. McDonald, P.E.
2. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94,
3) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model K6746MDE (non-sleeved) aluminum louvers, prepared by Architectural Testing, Inc., Test Report No. F0133.01-602-18, dated 08/27/2015, signed and sealed by Justin P. McDonald, P.E.

C. CALCULATIONS

1. Structural and anchors calculations prepared by Chander P. Nangia, P.E., dated 10/26/2015, signed and sealed by Chander P. Nangia, P.E.

D. QUALITY ASSURANCE


1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

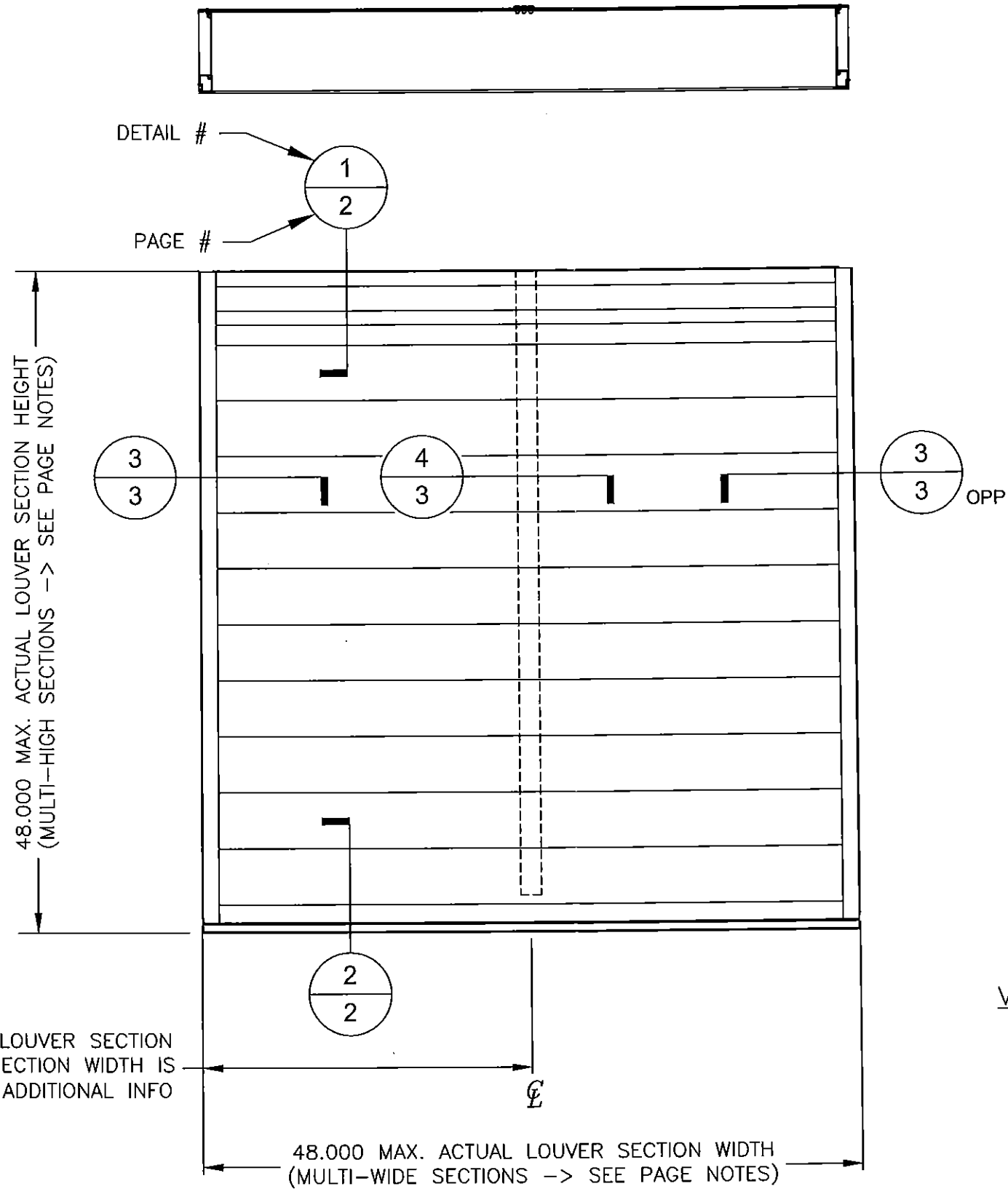
F. STATEMENTS

1. Statement letter of code compliance to the 5th edition (2014) FBC issued by Chander P. Nangia, P.E., dated 10/27/2015, signed and sealed by Chander P. Nangia, P.E.
2. Statement letter of no financial interest issued by Chander P. Nangia, P.E., dated 10/27/2015, signed and sealed by Chander P. Nangia, P.E.


01/28/2016

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-1109.05
Expiration Date: February 4, 2021
Approval Date: February 4, 2016

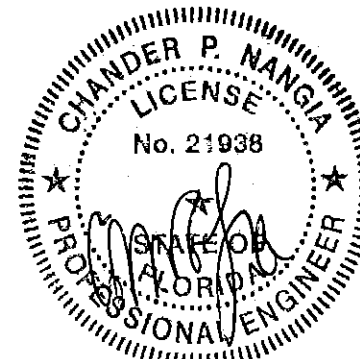
HORIZONTAL SECTION CUT



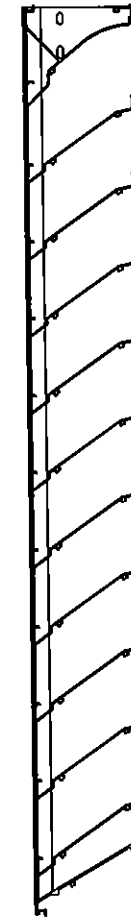
Approved as complying with the
Florida Building Code
Date 02/04/2016
NOA# 15-1109.05
Miami Dade Product Control
By [Signature]



CHANDER P. NANGIA PE
7423 HOLLOW RIDGE DR.
HOUSTON, TX 77085
FLORIDA PE # 21938



VERTICAL SECTION CUT



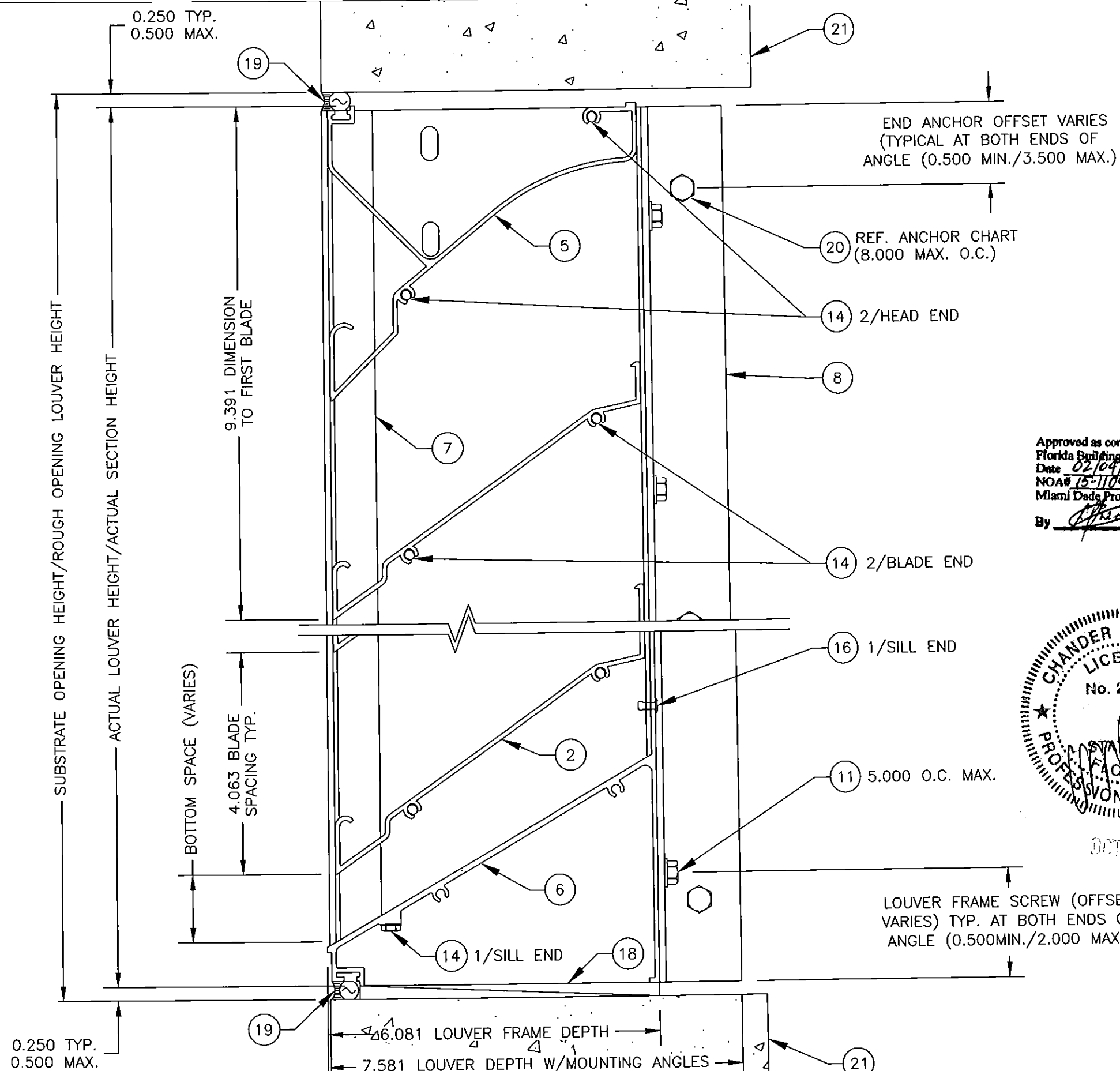
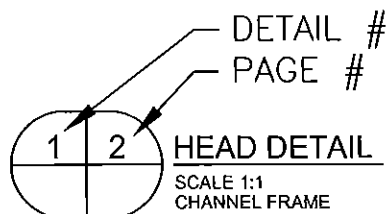
PAGE NOTES:

- MULTI-WIDE AND/OR MULTI-HIGH ASSEMBLIES ARE PERMITTED AS LONG-AS EACH LOUVER SECTION'S WIDTH/HEIGHT ARE WITHIN THE ALLOWABLE MAXIMUMS AND SUITABLE SUBSTRATES SURROUNDS EACH LOUVER SECTION ASSEMBLY PERIMETER AND EACH LOUVER SECTION IS INSTALLED PER DETAILS HEREIN (REFERENCE PAGES 2 & 3 OF 9).
- STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).

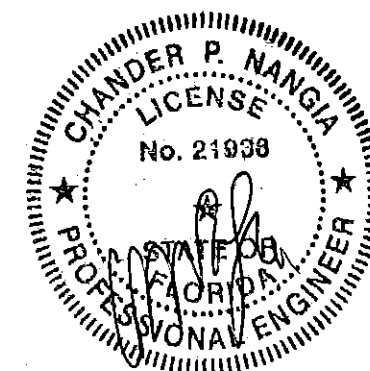
PAGE NOTES (TYP. ALL PAGES)

| | | | |
|-----------------|----------|------|----------|
| DRAWN BY | NAH | DATE | 10/27/15 |
| SCALE | 1:5 | | |
| SHEET NO. | 1 OF 9 | | |
| CAD DRAWING NO. | K6746MDE | | |

TITLE:
K6746MDE NOA DRAWINGS
CHANNEL FRAME ELEVATION



Approved as complying with the
Florida Building Code
Date 02/04/2016
NOA# 15-1109-05
Miami Dade Product Control
By [Signature]



OCT 27 2016

| | |
|-----------------|----------|
| DATE | 10/27/15 |
| DRAWN BY | NAH |
| SCALE | 1:1 |
| SHEET NO. | 2 OF 9 |
| CAD DRAWING NO. | K6746MDE |

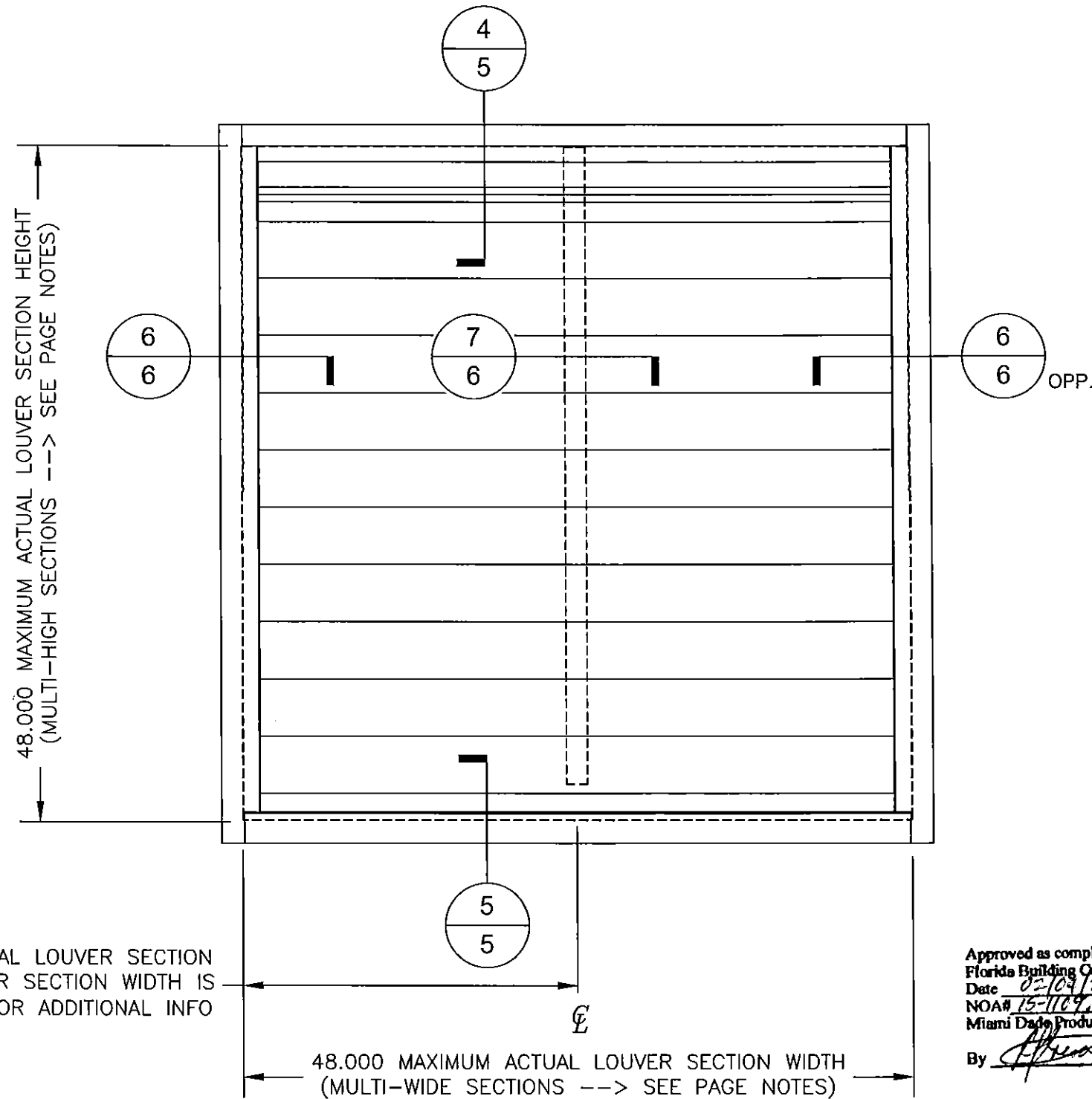


K6746MDE NOA DRAWINGS
CHANNEL FRAME DETAILS

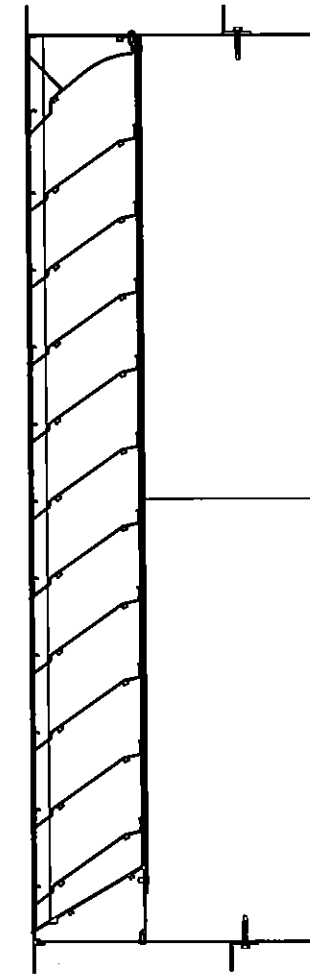
PAGE NOTES:

- STANDARD LOUVER HEIGHT DOWNSIZING IS 0.250 PER END (0.500 OVERALL TOTAL) WHEN ORDERED BASED ON ROUGH OPENING SIZING.
- STRAP (ITEM 10) NOT SHOWN FOR CLARITY - SEE PAGE 3 FOR DETAIL AND NOTE.

DIMENSION TO STRAP = ACTUAL LOUVER SECTION WIDTH/2 (REQUIRED IF LOUVER SECTION WIDTH IS >24.000) SEE PAGE NOTES FOR ADDITIONAL INFO

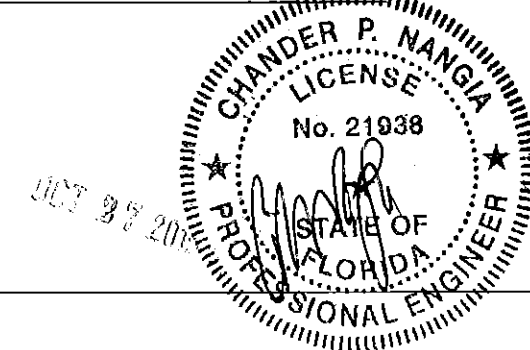


HORIZONTAL SECTION CUT



VERTICAL SECTION CUT

Approved as complying with the
Florida Building Code
Date 02/09/2016
NOA# 15-1109.05
Miami Dade Product Control
By [Signature]



PAGE NOTES:
• MULTI-WIDE AND/OR MULTI-HIGH ASSEMBLIES ARE PERMITTED AS LONG-AS EACH LOUVER SECTION'S WIDTH/HEIGHT ARE WITHIN THE ALLOWABLE MAXIMUMS AND SUITABLE SUBSTRATES SURROUNDS EACH LOUVER SECTION ASSEMBLY PERIMETER AND EACH LOUVER SECTION IS INSTALLED PER DETAILS HEREIN (REF. PAGES 5 & 6 OF 9).
• STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).



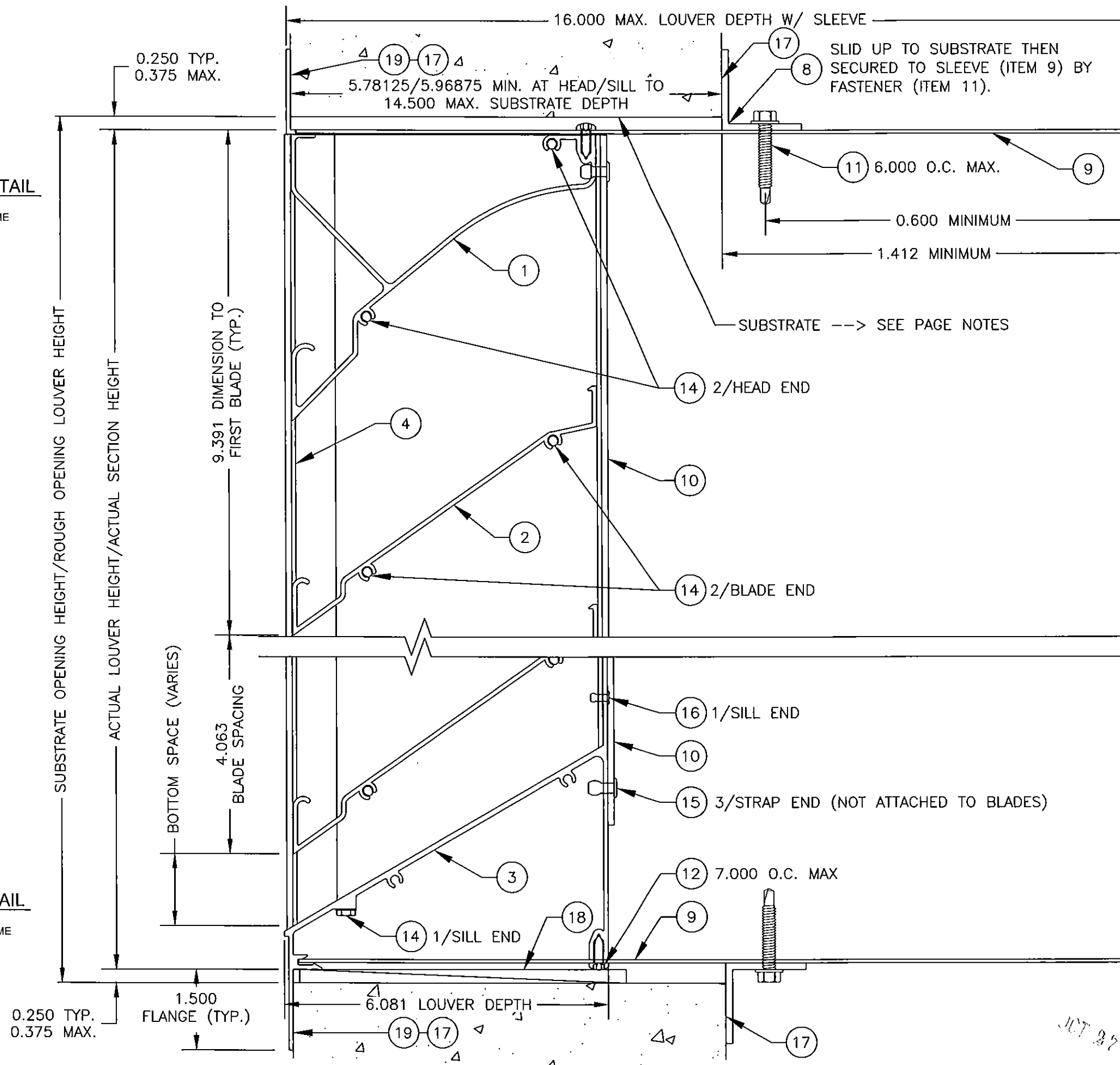
K6746MDE NOA DRAWINGS
SLEEVED FRAME ELEVATION

TITLE:

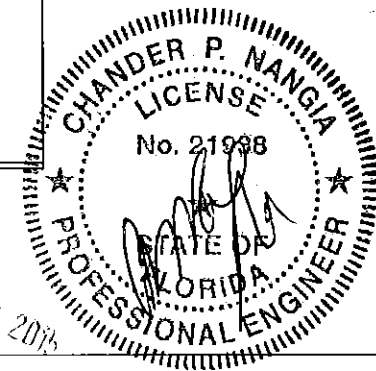
| | |
|-----------------------------|------------------|
| DRAWN BY NAH | DATE 10/27/15 |
| SCALE 1:5 | |
| SHEET NO. 4 OF 9 | |
| CAD DRAWING NO. K6746MDE | |

4 5 HEAD DETAIL
SCALE 1:1
SLEEVED FRAME

5 5 SILL DETAIL
SCALE 1:1
SLEEVED FRAME



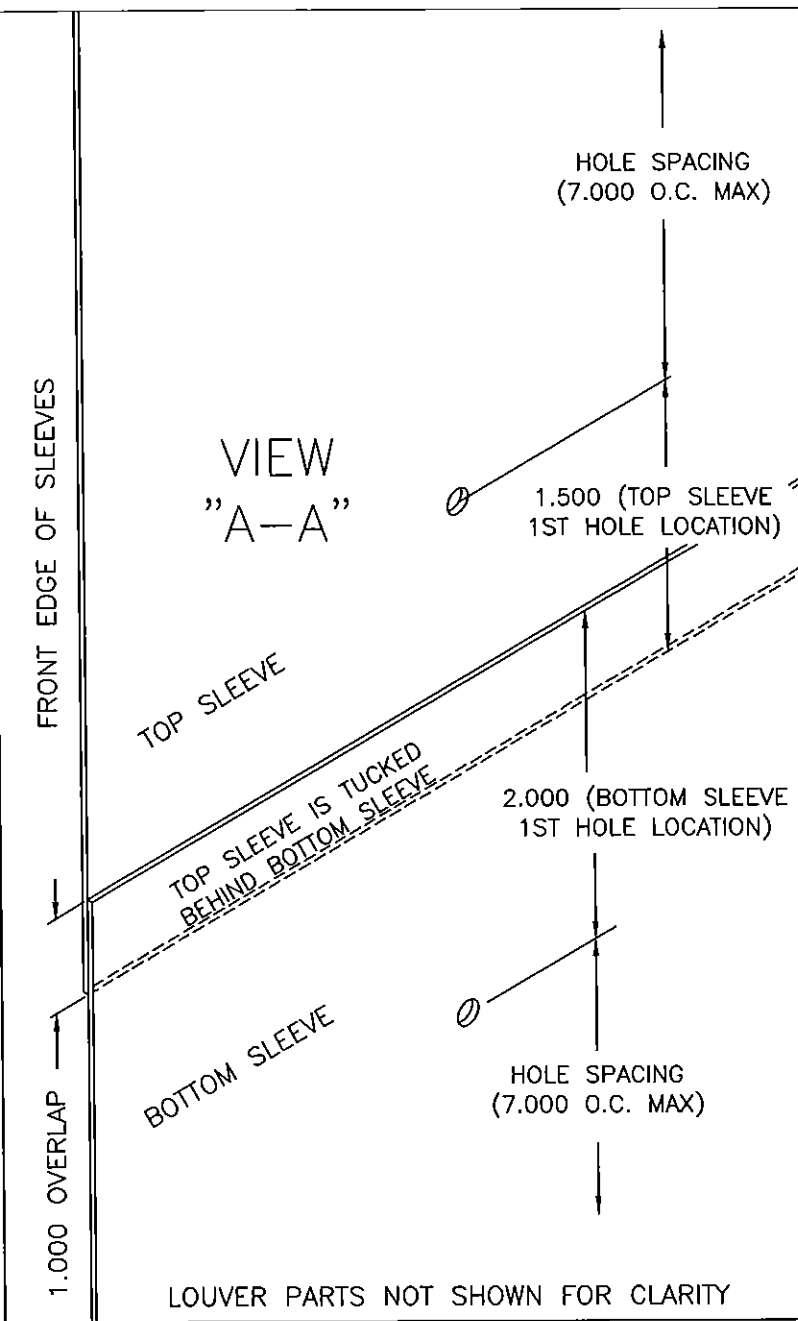
Approved as complying with the
Florida Building Code
Date 02/04/2016
NOA# 15-1104-05
Miami Dade Product Control
By *[Signature]*



PAGE NOTES:

- SUBSTRATE, TYP. FOR SLEEVED FRAME SETUP: ANY SUBSTRATE IS ALLOWED THAT CAN WITHSTAND LOADS IMPOSED BY THE LOUVER ASSEMBLY (DETERMINED BY OTHERS). ALLOWABLE SUBSTRATES (BY OTHERS) INCLUDE (BUT NOT LIMITED TO) WOOD, STEEL, STEEL STUDS, CONCRETE, CMU, AND/OR ALUMINUM.
- STANDARD LOUVER HEIGHT DOWNSIZING IS 0.375 TOTAL PER END (0.750 OVERALL) WHEN ORDERED BASED ON ROUGH OPENING HEIGHT
- STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).

| | |
|-----------------|--|
| DATE | 10/27/15 |
| DRAWN BY | NAH |
| SCALE | 1:1 |
| SHEET NO. | 5 OF 9 |
| CDP DRAWING NO. | K6746MDE |
| TITLE: | K6746MDE NOA DRAWINGS SLEEVED FRAME DETAILS |

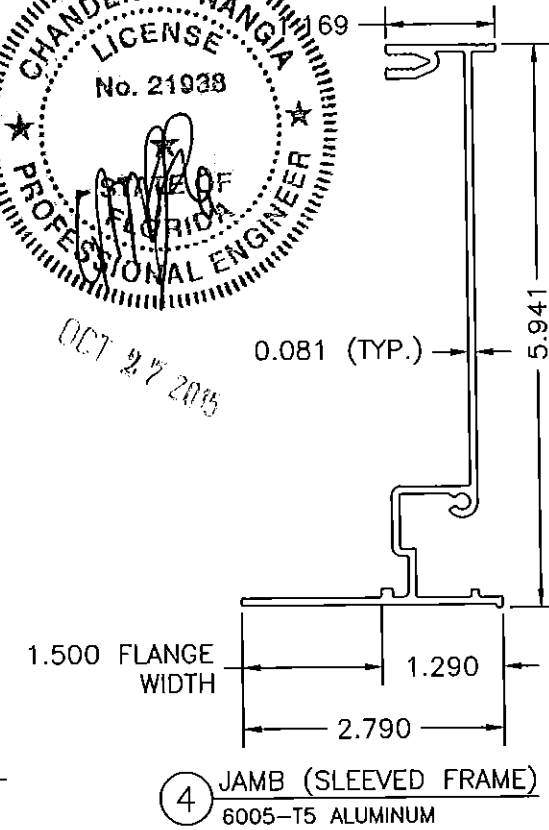
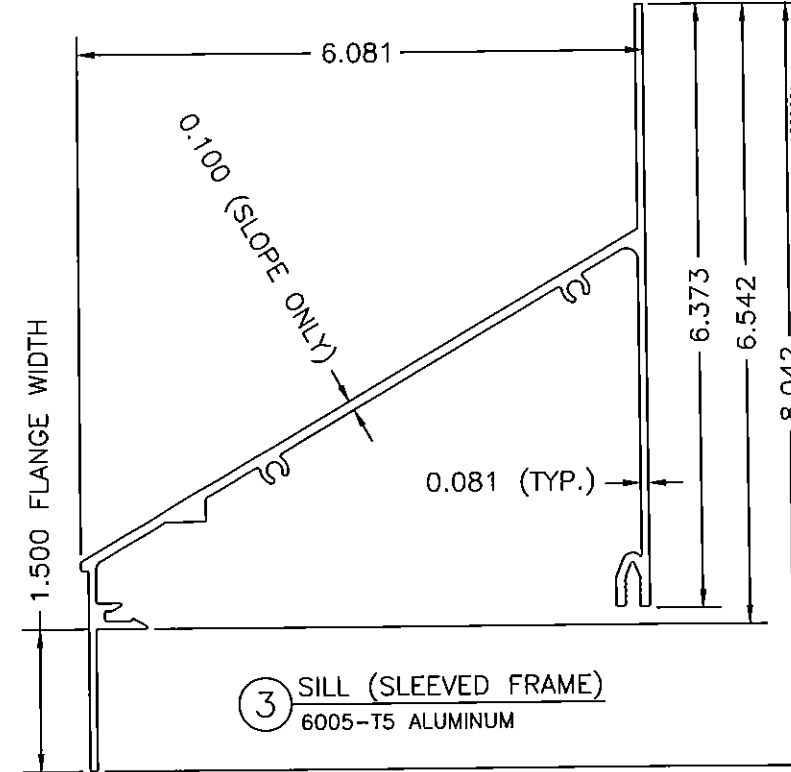
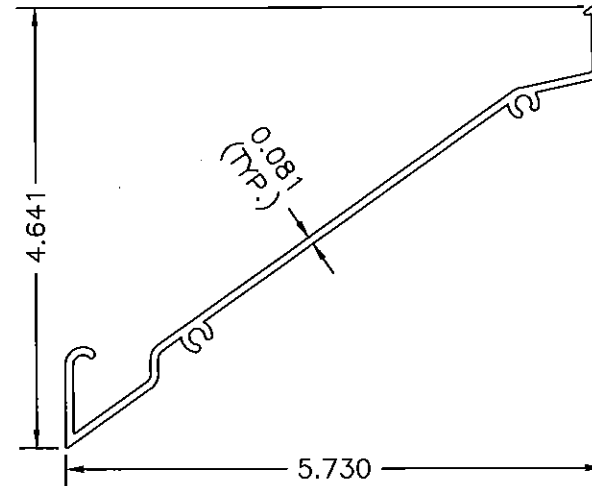
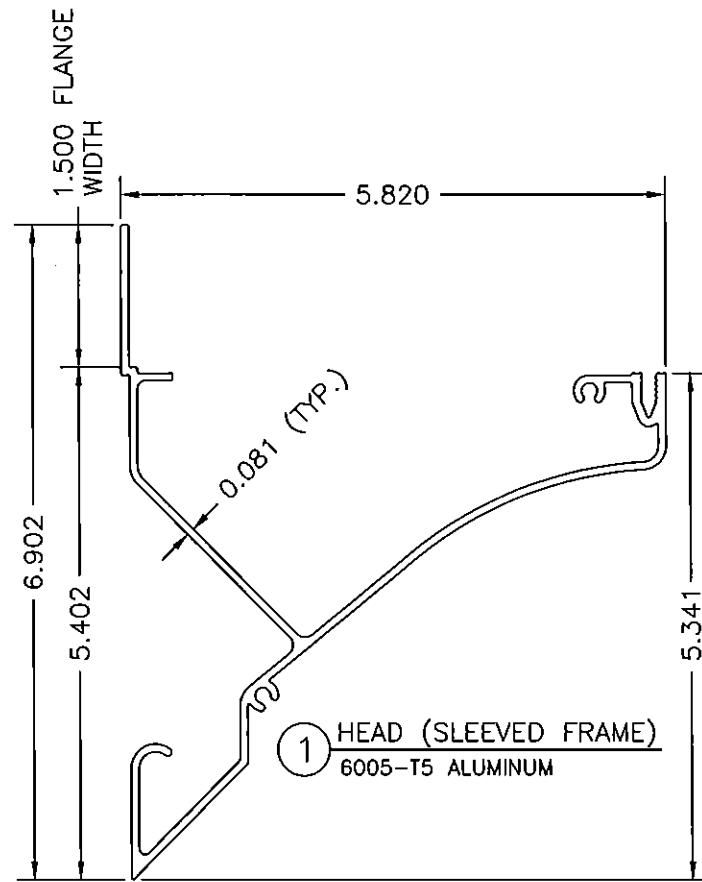


STANDARD LOUVER WIDTH DOWNSIZING IS 0.250, BUT UP TO 0.375 TOTAL PER END (0.750" OVERALL TOTAL) IS ALLOWABLE. CONSULT YOUR LOCAL REP OR THE MANUFACTURER IF ASSISTANCE IS NEEDED FOR PROPER DOWNSIZING FOR YOUR APPLICATION.

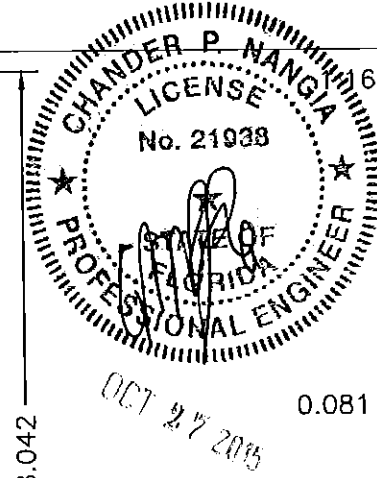
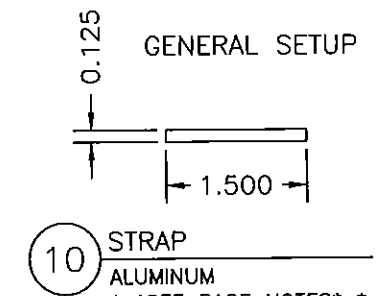
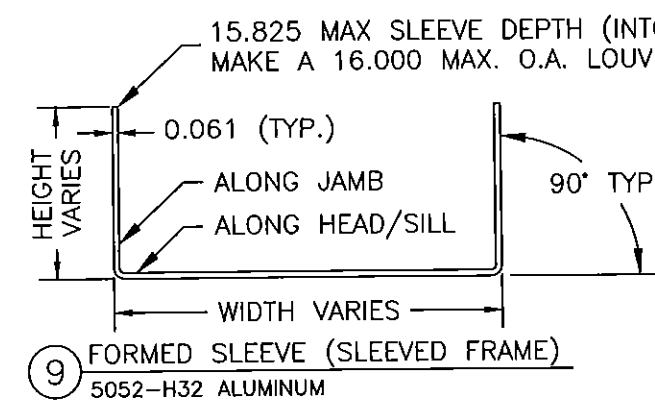
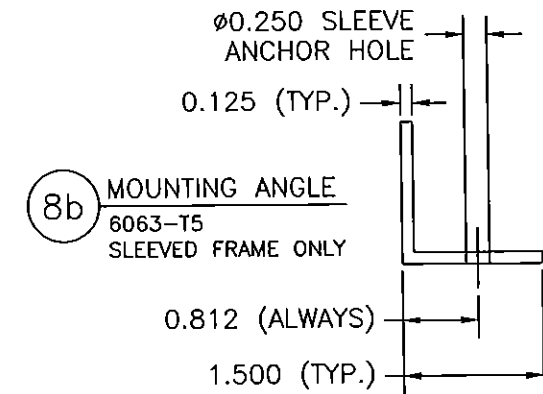
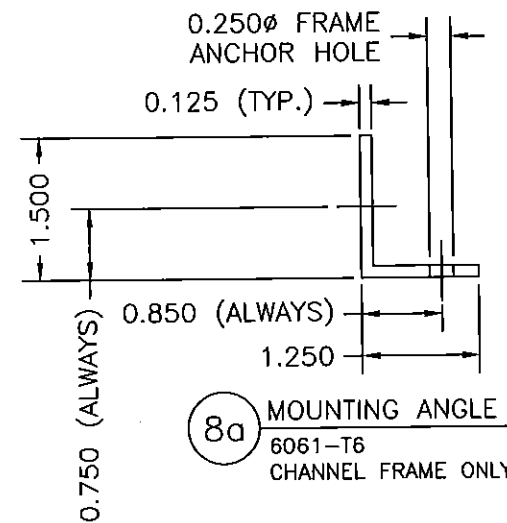
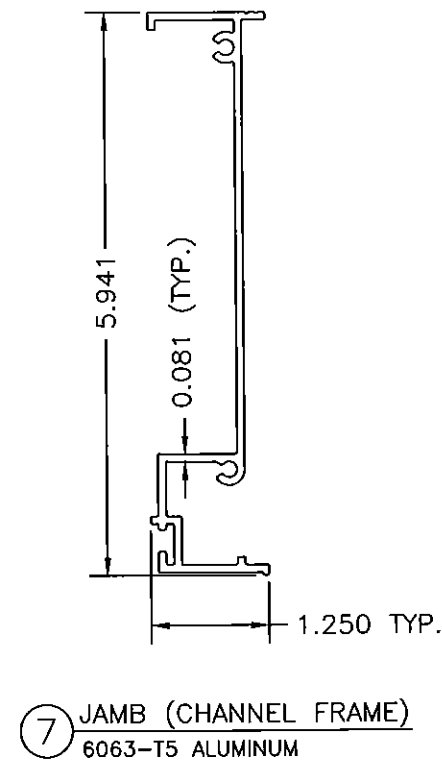
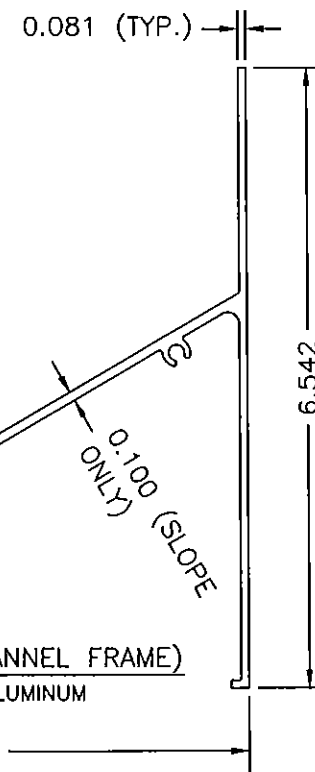
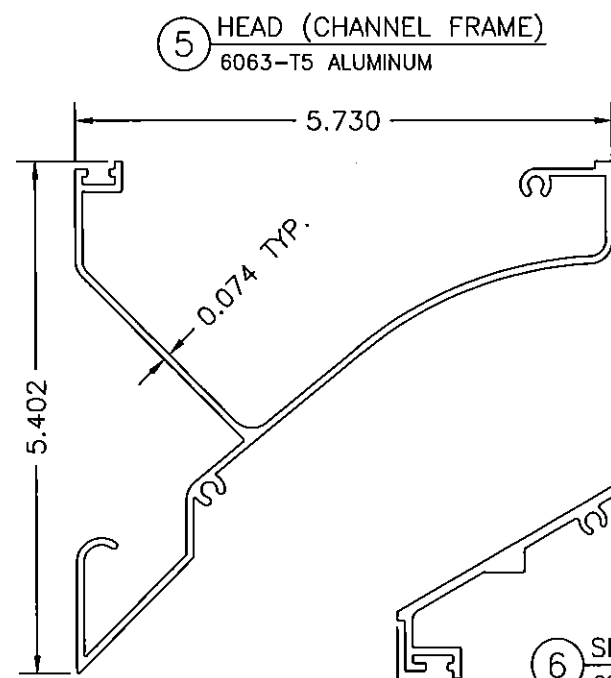
STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s) RUIT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).

| | |
|-----------------|----------|
| DATE | 10/27/15 |
| DRAWN BY | NAH |
| SCALE | 1:1.1 |
| SHEET NO. | 6 OF 9 |
| CAD DRAWING NO. | K6746MDE |

K6746MDE NOA DRAWINGS
SLEEVED FRAME DETAILS



Approved as complying with the
Florida Building Code
Date 02/04/2016
NOA # 15-1109-03
Miami Dade Product Control
By [Signature]



| | | |
|---|-----------|----------|
| AIROLITE The look that works™ SCHOFIELD, WISCONSIN 54476 715 841 8757 | DATE | 10/27/15 |
| | DRAWN BY | NAH |
| | SCALE | 1:1 |
| | SHEET NO. | 7 OF 9 |
| TITLE: K6746MDE NOA DRAWINGS PART DETAILS | | |
| PAGE NOTES: • STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s). • ALL SHEET METAL PARTS ARE SHOWN AT ACTUAL THICKNESSES | | |

